



THE LAKEHEAD AMATEUR RADIO CLUB JOURNAL

February 2006

HI-Q



VE3FW—LARC call sign honours the memory of the Founding President P.J. "Pat" O'Shea

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- Next Meeting
Annual LARC dinner meeting will be held Saturday, Feb 11, 2006 at the Slovak

Annual Dinner and Meeting !!!

Annual Dinner and Meeting will be held at the Slovak Legion Sun Room on Saturday, February 11, 2006 starting at 1800 hours.

Symposium at 18:00 hrs and Dinner at 18:30 hours

TICKETS FOR DINNER ARE AVAILABLE FROM THE FOLLOWING MEMBERS:

Brad Harris VE3MXJ	Bob Hansen VE3RVA
Joe Coghlan VE3TBX	John Sacek VA3JMS
Fort Michelizzi VE3MCZ	Leo Wehrstedt VE3ATC

Tickets are \$25.00 per person. A cash bar is available

Bob VE3RVA has to give the caterer the number of expected meals expected by February 8th

Purchase your tickets now!

IN THIS ISSUE:

The Lakehead Amateur Radio Club (LARC) Constitution is reprinted here to refresh ourselves of what our club is all about and how it conducts itself.

LARC OPEN ACCESS REPEATERS

VE3YQT	Mount Baldy	147.060 (-600) Phone Patch
VE3TBR	St. Joseph's	146.820 (-600) 442.075 (+5 MHz)
VE3BGA	Hillcrest H.S.	145.450 (-600) (IRLP Node VA3LU 123.0 Hz) 442.825 (+5 MHz) (100.0 Hz)
VE3UPP	Upsala	145.470 (-600)



Executive 2005—2006

President

John Sacek
VA3JMS

Vice-President

Bob Hansen
VE3RVA

Secretary

Terry
Stewardson
VA3LU

Treasurer

Joe Coghlan
VE3TBX

Director

Brad Harris
VE3MXJ

Director

Fort Michelizzi
VE3MCZ

Director

Manuel Miguels
VE3MPT

Director

Mark Vaillant
VA3MVR



Joe VE3TBX

Lakehead Amateur Radio Club Treasurers Report

Opening Balance - January 5, 2006 **\$ 3,194.47**

Income

Memberships	\$ 105.00
50/50 Draw	\$ 10.50
Annual Dinner	\$ 375.00
Interest	\$ 0.03

Total Income **\$ 490.53**

Expenses

Thunder Bay Telephone	\$ 44.02
Bank Service	
Fee	\$ 1.00
Flowers - Sick Member	\$ 41.40

Total Expenses **\$ 86.42**

Closing Balance - February 2, 2006 **\$ 3,598.58**

**Joe - VE3TBX
Treasurer**



LARC January 12, 2005 MINUTES

Terry, VA3LU



Terry VA3LU

January 12 2006

Minutes of Meeting

Meeting call to order by President John Sacek **VA3JMS**

Members in attendance 25

Before the general meeting, we had Bill Unger **VE3XT** give a demonstration on the different ways of using a multimeter. I think we had a refresher update on what we had forgotten, Thanks Bill.

The general meeting then was called to order at 8.15 pm

Minutes of last meeting as printed in Hi-Q on January 6 2006 Moved by Norm **VE3XRC** and seconded by Wayne **VA3WRL** that minutes be accepted Motion carried

Treasure report as presented by Treasurer Joe **VE3TBX**. Motion by Joe **VE3TBX** and seconded by Brad **VE3MXJ**. Motion carried.

Committee reports: Terry **VA3LU** reported that the equipment of the club seems to be working fine.

Ares: Randy **VA3OJ** updated us on Ares and also was suggesting a ARES net one night a week, to let us know at a later meeting.

Trailer: All seems find with trailer as reported by Mike **VE3ZG**

Old Business: Bob **VE3RVA** updated us on the LARC Dinner that is set for February 11 2006.

New Business none

50/50 draw was won by Brad **VE3MXJ**

Motion to adjourn by Terry **VA3LU**



Canadian Amateur Radio HF Nets		
	Freq.	Time
Alberta Public Service	3.740Mhz.	0130UTC Daily
Anything But The Weather Net	3.740Mhz.	7.30pm Thursday ET
ARES Ontario HF Nets	7.153 Mhz	2:00pm Sundays ET
	3.743 Mhz	8:00pm Wed. ET
Aurora Net (Afternoon)	7.055Mhz.	23:30 UTC Daily
Aurora 2 Net (Evening)	7.055Mhz.	02:30 UTC Daily
B.C. Northern Net	3.775 Mhz	Sunday, Wednesday evenings at 0300 UTC
BC Public Service	3.727Mhz	0230UTC Daily
Canadian Red Cross Headquarters	14.125Mhz.	1900UTC Sunday
CERTS VE3BPQ 10 Meter Net	28.360 Mhz.	7:30pm Wed. ET
Chicken Junction Net	3.775 Mhz.	6:30pm ET Daily
C.L.A.R.A. Nets	7.055Mhz.	9.00am Tues. ET
	14.120Mhz.	17.00utc
	3.750Mhz.	7.00pm Mon. ET
	3.740Mhz.	4.00pm Tues. PST
Cod Jigger Net	7.080Mhz.	Daily at 1300UTC (Nov-Apr)
	or	1200UTC (May-Oct)
	3.740Mhz.	
Communication Ontario Net.	7.153Mhz.	10.00 am Daily ET
Great Lakes Emergency and Traffic Net [GLETN]	3.932Mhz.	8.30pm Daily ET
Pre Net 30 Min. prior		
Intercontinental Amateur Radio Traffic Net	14.300Mhz.	7am - 12Noon Daily ET
International White Cane Net (NCS Vince VA3DV)	14.252Mhz.	1pm Tuesdays ET
Laurentian Net	3.755Mhz.	6.45 pm Daily ET
Manitoba Evening Phone Net	3.747Mhz	00:00 UTC Daily
Manitoba Public Service	3.747Mhz.	7 PM CST Daily
Maritime Mobile Service Network	14.300Mhz.	12pm-10pm Daily ET
	50.238MHz	
Manitoba Six Meter Net	USB	Wed. 9:00 pm local
Manitoba WX Net	3.743Mhz.	14:30 UTC
Maritime Net	3.750Mhz.	18:00 Daily ET
Maritime Old Timers Net	3.750Mhz.	7:00 Sundays ET
Maritime Weather Net	3.770Mhz.	6.00am Mon. to Sat. ET
Michigan Amateur Radio Communications System	3.953Mhz.	11.00am Mon. to Sat 1.00pm Sun
Michigan Amateur Radio Public Service Corps Net	3.932Mhz.	5.00pm Sun. ET
Note: 3.932 and 7.232 are designated Michigan emergency frequencies.		
Michigan District ARES Net	3.932Mhz.	7.30pm Fri. ET
Michigan Information and Traffic Net (NTS)	3.952Mhz.	7.30pm Fri. ET
Mississauga Maritime Net	14.122.5Mhz.	7:45am ET Daily
Newfoundland and Labrador Evening Traffic Net	3.740Mhz	Daily at 2130UTC (Nov-Apr)
		2230UTC (May-Oct)
North Bay Net	3.768Mhz.	9am Sunday ET
Northwest Ontario Net	3.750Mhz.	8.15pm Daily ET
Old Sweat's Net VA3WSN Dave Net Manager	7.063Mhz.	10am Tues. ET
Ontario Amateur Radio Service (Ontars)	3.755Mhz.	7am-6pm Daily ET
Ontario Phone Net (NTS)	3.742Mhz.	7.00pm Daily ET
Ontario Swap Shop	7.055Mhz.	12 Noon Sundays ET
	3.755Mhz.	7pm Sundays ET
Ontario Tech Net	7.055Mhz.	11:00am Sundays ET

(continued on next page)

*(continued from last page)*

Canadian Amateur Radio HF Nets		
	Freq.	Time
Pot Hole Net (Ottawa Valley Mobile ARC)	7.095Mhz.	10.00am Sat ET
	3.760 MHz	10.00am Sun. ET
Pow Wow Club Net	3.750MHz	0400UTC Daily
Rotten Apples	7.238Mhz.	6-7am & 7-8pm ET
Sandbox Roundtable Net	7.063.5Mhz.	6.30pm Daily ET
Sanderson Hour	3.762.5Mhz.	9pm Daily ET
Sask Public Service Net	3.744Mhz	0100UTC Daily
Sunparlor Amateur Radio Club	3.805Mhz.	1pm Sunday ET
Swan Amateur Radio Net	7.2325Mhz.	2-4pm Saturday ET
Trans Canada Pow Wow Club (Oct1 to Apr.30)	3.750Mhz.	12am Daily ET
Trans Provincial Net	7.055Mhz.	7am-5.00pm Daily ET
Upper Peninsula Net (NTS)	3.921Mhz.	5.00pm Daily ET
VO1 / VO2 Evening Net	3.785Mhz.	22.30 UTC Daily
Wolverine Net (NTS)	3.955Mhz.	7.00pm Daily ET
CW Nets		
	Freq.	Time
10th Region Net CW	3.590Mhz	0145 UTC Daily
Eastern Canada Net [ECN]	3.655Mhz	7.45-9.30pm Daily ET
Ontario Quebec Traffic Net [OQN]	3.667Mhz.	2100-0000 UTC Daily
Peel Amateur Radio Club	3.685Mhz.	10am Sunday ET
Pot Lid Net (slow speed 8-12 WPM) NM Ed VE3GX	3.620Mhz.	11am Sunday ET
Prairie Traffic Net	3.660Mhz.	01:30 UTC Daily
QMN Michigan Section Net	3.663Mhz.	7:30 pm ET & 10:00 pm ET
Sask CW Net	3.695Mhz.	0400UTC Daily

The above Nets have not been verified, but are listed as a convenience. Maybe there is one you would like to try?

LARC Ham Radio Class Underway

The 2006 LARC Amateur Radio Class is underway at the Confederation College room with 5 students. Classes began on January 19th and will run weekly until April 1, 2006. Instructor Bill **VE3XT** is using about a 50% theory and 50% practical workout during his lessons.

Left to right,
Bill VE3XT, Bruce, Warren

Bill **VE3XT** shows effects of using small watt resistor in high power circuit. We all moved back as the acrid smoke started!



Lab experiments

Photos by Leo VE3ATC



LARC CONSTITUTION

LAKEHEAD AMATEUR RADIO CLUB, INC.

By-law Number One

Reviewed by LARC Executive 01 June 1992

Approved at a Meeting of Members on 11 June 1992

Revised from last known document dated 01 May 1986

Amended at a General Meeting of the Members 09 January, 1997

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Record of changes

Change No.	Change details			Affected Pages
CH 1	Added: Article 5.6	Quorum	at a general meeting of members on 13 January 1994	6
CH 2	Amended Article 3.2	Number of Directors and Quorum	Deleted specific responsibilities at a general meeting 09 January, 1997	2
	Amended Article 7.1	Head Office	Change of Corporate address at a general meeting 09 January, 1997	7
	Amended Article 7.2	Corporate Seal	Changed Corporate Seal custody statement at a general meeting 09 January, 1997	7

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LARC CONSTITUTION

Article 1 ... Definitions

The following definitions shall apply to all club by-laws and resolutions unless otherwise specified. "Act" means the Corporations Act of Ontario, and any Act that may be substitute therefore, as from time to time amended. "Board" means the Board of Directors of the Club. "By-laws" means this by-law and all other by-laws by the club. "Club" means the "Lakehead Amateur Radio Club" Incorporated as a corporation without

share capital under the Act by Letters Patent dated the 30th day of July 1979. "Meeting" includes an Annual Meeting, Special Meetings, and Regularly Scheduled Meetings of the members.

Article 2 ... Membership

2.1 Classes of Membership There shall be SIX classes of membership.

A: Full Membership, Voting Privileges

Full membership shall be open only to individuals holding an amateur certificate of radio proficiency as issued by the Department of Communications.

B: Associate Membership, Non Voting Privileges

An Associate membership shall be available upon approval of the Board and shall be open to:

1) Persons not holding a valid certificate of radio proficiency but who demonstrate a genuine interest in the affairs of the club, or;

2) Licensed amateurs who, by location (non-resident of Thunder Bay) or are unable to attend regular meetings of the club.

C: Family Membership

A Family membership shall be granted to all family members holding valid licenses and shall be eligible to vote on club matters and hold office.

Family membership shall include at least one adult with licence and any other members of his/her immediate family residing at the same address holding valid licenses.

D: Student Membership

Membership of this type will be open to persons holding a valid licence and/or interested in amateur radio and are presently enrolled in a full time education facility.

Student members shall not have the right to vote or to hold office while under 18 years of age.

E: Life Membership The number of members in this class shall not exceed (6) six. Awarded to licensed amateurs who have provided outstanding leadership or service to the club. These members shall have full voting privileges and are exempt from payment of annual dues. Members in this group shall be called the SENATE. This group may make recommendations which will be considered by the board.

F. Corresponding Members Membership of this category shall have the right to receive the club publications. They

shall not have the right to vote or hold office. Terms of Membership The interest of a club member is not transferable. Resignation Members may resign by written notice to the club secretary. A

member resigning before year end shall not be entitled to any refund of dues.

Annual Membership Dues

Annual Membership dues shall be established from time to time, after due notice, by a vote of the members present at a meeting, and shall take effect in the month of September.

Life Members are not required to pay dues.

Memberships are due and payable annually and shall run from September 30th to September 29th of each year.

Members in default of payment of annual dues on October 31 st shall cease to be members.

Article 3 ... Boards and Committees

Officers

The Officers of the Club shall include President, Vice-President, Recording Secretary, Treasurer and any such other Officers as the Board may determine.

Number of Directors and Quorum

The affairs of the Club shall be managed by its Board of Directors until changed in accordance with the Act, the number of Directors shall be (8) eight of whom (5) five shall constitute a quorum for the transaction of business. Notwithstanding vacancies, the remaining Directors may act if constituting a quorum.

Qualifications

No person shall qualify as a Director unless he/she is 18 or more years of age and shall be a full member of the club at the time of election and throughout the term of office. (See Article

2.1 Sub Para A-F). Nominating Committee The President shall appoint a nominating committee at the June meeting. The committee shall

present a slate of Officers and Directors at the September meeting and nominations shall be accepted from the floor at this time.

Election of Board and Term of Office. The whole Board shall be elected at the September meeting and will hold office from that meeting to September meeting each year or until their successors are duly elected. Retiring

Directors shall be eligible for re-election. The election may be by a show of hands unless a majority of those present and voting decide to vote by ballot.

3.6 Removal of Directors

The members may, by resolution passed by at least two thirds of the votes cast therein at a meeting called for the purpose, remove any Director before the expiration of the term of office and may, by majority vote at that meeting elect any member in his or her stead for the remainder of the term.

LARC Constitution Continued on next page



LARC CONSTITUTION

3.7 Vacation of Office

The office of Director shall be vacated upon the occurrence of any of the following events:

If, by such notice in writing to the club, the Director resigns and if such resignation is not effective immediately, it becomes effective in accordance with the terms of resignation,

If an order is made declaring the Director mentally incompetent or incapable of managing his/her affairs,

If the Director ceases to be qualified as provided in Article 3.3 (Qualifications),

If the Director has been removed from office by resolution as provided in Article 3.6, or;

If a receiving order is made against the Director or if an assignment is made under the Bankruptcy Act.

3.8 Filling Vacancies

Vacancies on the Board may be filled for the remainder of the term of office either by the members at a meeting called for this purpose or by the Board.

3.9 Regular Board Meetings

The Board may appoint a time and place for regular meetings. Notice of meetings of the Board, stating the time and place, shall be given to each Director, but no other notice shall be required for any such regular meeting.

The September meeting shall include both the newly elected Board and the retiring Board members. The purpose of this meeting is to facilitate an orderly turning over of responsibilities, minute books, and accounting records as well as a briefing on all committee operations (See Article 3.5).

3.10 Calling of Other Board Meetings

Other board meetings may be held from time to time at the call of the President or any two Directors. Notice of the time and place of every meeting so called shall be given to each Director not less than 48 hours before the time of the meeting is called. No notice of meeting shall be necessary if all the Directors are present or if those absent waive notice of, or otherwise signify consent to such a meeting being held.

3.11 First Meeting of New Board

Provided that a quorum of Directors is present, each newly elected Board may, without notice, hold its first meeting immediately following the meeting of members at which such Board takes office (See Article 3.2 and 3.5).

3.12 Voting

At all meetings of the Board every question shall be decided by a majority of the votes cast on the question. In case of a tie vote, the chairperson shall have the deciding vote if he/she has not already vacated the chair to vote.

3.13 Interest of Directors in Contracts

Subject to the provisions of the Act:

11 No Director shall be disqualified by his/her office from contracting with the Club;

2) Nor shall any contract or arrangement entered into by or on behalf of the Club with any Director or in which any Director is interested be liable to be avoided;

3) Nor shall any Director contracting or being so interested be liable to account to the Club or any of its members or creditors for any profit realized from any such contract or arrangement by reason of such Director holding that office or the fiduciary relationship thereby established.

3.14 Declaration of Interest It shall be the duty of every Director of the Club who is in anyway interested in:

(1) a contract,

(2) an arrangement, or;

(3) a proposed contract, or proposed arrangement with the Club to declare such interest, as required by the Act. In the event of a declaration of interest, the Director so declaring shall not vote on any matters relating to such interest.

3.15 Remuneration

The Directors shall serve as such without remuneration. Nothing herein shall preclude any Director from serving the club in any other capacity and receiving compensation therefor.

3.16 Committees The Board of Directors may, by resolution, create one or more committees for projects to be undertaken by the club. These committees shall include one or more members of the Board. All such committees shall be given written terms of reference by the Board. All committees shall be accountable to the Board and shall report to the Board and members as required in the terms of reference. If the Chairperson of a committee is not a Board member, he/she is requested to attend Board meetings as a non-voting member. (See Article 7.3, 7.4, 7.5, 7.6, 7.7, and 7.8)

Committee terms of reference shall include:

1) The name of the committee;

2) The purpose of the committee, and an outline of how it may achieve its goals;

3) The names of the Chairperson, Recording Secretary and Treasurer;

4) The committees expected time limit (from to);

5) The source of funding and the amount; and

6) Such other matters as the Board may deem expedient. See Articles 4.4 and 7.7)

Article 4 ... Duties of Officers

4.1 President

The President shall be responsible for the management of the Club to the authority of the Board.

4.2 Vice-president

During the absence or disability of the President, his/her duties shall be performed and his/her powers exercised by the Vice-president.

LARC Constitution Continued on next page



LARC CONSTITUTION

4.3 Recording Secretary The Recording Secretary shall:

1) Attend and be the Secretary of all meetings of the members and Directors and enter minutes of all proceedings in books kept for that purpose; 2) Give notices to members and Directors as required; 3) Be the custodian of the Letters Patent, all books, papers records, documents and other instruments belonging to the club; 4) As required by law, complete and mail annually all government returns, notices, and Incorporation documents; 5) Maintain a complete and accurate inventory of all club assets; and 6) Receive a copy of the minutes from the meetings of all committees for the information of the Directors and the membership. At the conclusion of each committees terms of membership all original minutes shall be provided to the secretary for final audit purposes. (See Article 3.16)

4.4 Treasurer The Treasurer shall: 1) Keep full and accurate books of account in which shall be recorded all receipts and disbursements of the club; 2) Under the direction of the Board, shall control the deposit of money, the safekeeping of securities and the disbursements of the club; 3) At year end, turn over all accounting books and records to the auditor(s) See Article 7.3 and 9.)

4) Receive the financial records of all committees for the purpose of an annual audit or at the conclusion of the committees terms of reference, which ever comes first; and

5) Submit an annual audited financial statement to the Board which is to be distributed to all members.

4.5 Variation of Duties From time to time the President or the Board may add to, vary or limit the duties of any Officer

3) Any loss, damage or expense happening to the Club through the insufficiency or deficiency of any security in or upon which any of the monies of the club shall be invested, or;

4) Any loss or damage arising from the bankruptcy, insolvency or tortuous acts of any person with whom any of the monies, by-law securities or effects of the Club shall be deposited, or;

5) Any loss occasioned by any error of judgement or oversight on his/her part, or;

6) Any other loss, damage or misfortune which shall happen in the execution of the duties of his/her office in relation thereto. However, nothing herein shall relieve any Director or Officer from the duty to act in accordance with the Act and the regulations thereunder or from liability for any breach thereof.

6.2 Indemnity

Subject to the Act, the Club shall indemnify a Director or Officer, a former Director or Officer, or a person who acts or acted at the Club's request as a Director or Officer of a body corporate of which the Club is or was a shareholder or creditor, and his/her heirs and legal representatives, against all costs, charges and expenses, including an amount paid to settle an action or satisfy a judgement, reasonably incurred by the Director or Officer in respect of any civil, criminal or administrative action or proceeding to which he/she is made a party by reason of being or having been a Director or Officer of the Club or such body corporate, if:

1) he/she has acted honestly and in good faith with a view to the best interests of the Club, and

2) In the case of a criminal or administrative action or proceeding that is enforced by a monetary penalty, he/she had reasonable grounds for believing that his/her conduct was lawful.

The Club shall also indemnify such person in such other circumstances as the Act or law permits or requires. Nothing in this by-law shall limit the right of any person entitled to indemnity to claim indemnity apart from the provisions of this by-law.

6.3 Insurance

Subject to the Act, the Club may, from time to time, purchase and maintain such insurance for the benefit of any person referred to in Article 6.2 or any other liability coverage.

Article 7 ... Conduct of Business

7.1 Head Office

The head office address shall be Suite 184.1 100C Memorial Avenue, Thunder Bay, ON P7B 4A3 I

7.2 Corporate Seal

The corporate seal of the Club shall be in the form impressed herein, until changed in accordance with the Act. The seal and Incorporation Papers shall be held by the Secretary.

7.3 Financial Year

The financial year of the Club shall run from January 1st to December 31st each year or as amended from time to time. (See Article 4.4)

Execution of Instruments

Deeds, transfers, assignments, contracts, obligations, certificates, and any other instrument shall be signed on behalf of the Club by any two of; President; Vice-President; Recording Secretary; or Treasurer. Any person authorized to sign an instrument on behalf of the Club may affix the Corporate Seal thereto.

Banking Arrangements

The banking business of the Club shall be transacted with banks or trust companies as may from time to time be designated by or under authority of the Board. Such banking business or any part thereof shall be transacted under such agreements, instructions and delegations of powers as the Board may prescribe or authorize.

Approval of Expenditures

The Board may approve any single expenditure up to \$150.00. Expenditures over \$150.01 must be approved by the general membership.

LARC Constitution Continued on next page



LARC CONSTITUTION

Committee Finances

Any committee receiving revenue that has a surplus of funds upon termination of its terms of reference, shall turn any surplus funds over to the Treasurer of the Club for deposit into the Clubs general funds. (See Article 3.16 and 7.5)

Any committee projecting a deficit at any time must report such to the Board and receive permission or denial to proceed or commit the Club to any deficit. (See Article 3.16)

Agents and Attorneys

The Board may appoint agents or attorneys for the Club with such powers as the Board sees fit.

Conduct of Business

Where necessary, **Roberts Rules** shall be used. The informal nature of the Club may be maintained until an issue of controversy has been moved and seconded, at that point the Chairperson may invoke **Roberts Rule** as the procedure to follow.

Article 8 ... Affiliation

Affiliation

The Club shall pay affiliation fees/dues to the organizations approved annually by the Board or as by agreement.

Article 9 ... Auditor(s)

The auditor(s) shall be appointed by the membership at the November meeting. (See Article

3.4: 4.4(c), 7.3)

Article 10 ... By-law Amendments

By-law Amendments

(30) Thirty days notice of motion shall be given to the members prior to the introduction of any change or addition to the by-laws. Any such change or addition must be carried by a two thirds (2/3) majority vote of the members present and eligible to vote. (See Article 2.1)

Any amendment shall take effect immediately on passage, except for changes in membership dues. (See Article 2.4) ♦

Editors note:

The LARC Constitution printed in Hi-Q is from the last official updated version. Refer to the official document for the latest changes. If any discrepancies are found in the Hi-Q version, the official document has full authority

Robert's Rules are referred to in the Constitution !!

What's that? Heard of them, but I had no idea whether they would mean Police Action or what? Actually, they are a set of rules to help keep a meeting orderly and fair to all.

Hi-Q will post a condensed primer on Robert's Rules next month for those of us in the dark.

Little Thunder Bay QRP Club



Pictures from the February 1, 2006 Little Thunder Bay QRP Club meeting

A great informal meeting where homebrew projects are displayed and discussed. Help with design, theory and other problems are taken in stride. The meetings are open to interested hobbyists. LARC members are emailed in advance of each meeting with time, date and location details.

Editors QSK...

ON THE WEB

thanks to

John,
VE3EMI



**Rogue Distress Signal
how easy it is to jam or
spooof intentionally or
inadvertently with this
modern stuff**

http://news.yahoo.com/s/afp/20060115/wl_uk_afp/britaindefencemedia_060115155321



**Americans feel threat ?
GPS Wars?**

<http://www.spacedaily.com/news/milspace-04zc.html>



**The Second Civil GPS
Frequency**

A simple 5 watt noise jammer on the GPS frequency can kill the GPS signal to a range of 200 kilometers (120 miles). A jammer borne by a small weather balloon can kill GPS in an area 800 miles wide.

And here's the rub: it's as easy to jam two GPS frequencies as it is to jam one. Therefore, the second civil frequency provides no protection against intentional interference.

http://www.findarticles.com/p/articles/mi_m0UBT/is_44_13/ai_57165107

Our newest satellite, an unmanned space suit, was ejected from the International Space Station (ISS) on Friday, February 3, 2006.

The orbiting spacesuit (SuitSat) is carrying a 145.990 FM transmitter. Unfortunately, the signal is a bit weak and a high gain antenna with preamps is the best bet.

If anyone is lucky enough to pick up the signal, I would be interested!

More information at:
<http://www.amsat.org/amsat-new/index.php>
and reports can be seen or made at:
<http://www.suitsat.org/>

Apparently, there were some errors in the NW Ontario repeater list in the January 2006 Hi-Q. I found this out during a trip to Dryden last weekend where the Dryden listing is incorrect. The printed list should be suspect for all other listings. A corrected updated list will be printed next month.

Hope to see you all at the Annual Dinner Meeting on Saturday, February 11th!

Remember, the normal Thursday meeting is on Saturday this month!

Thanks to all the contributors for this months Hi-Q! Your newsletter is only as good as we all make it!

That's it for now.

***—

73, Leo VE3ATC
email: ve3atc@spruce.ca

Ps. Not a writer and have a story or pictures? Contact me and I will help get it out!



Wishful thinking in February!

Annual Dinner and Meeting

Saturday

February 11, 2006

Slovak Legion Sun Room

Symposium at 18:00 hrs and Dinner at 18:30 hours

Tickets are Still Available

CONFUCIUS SAY.....

Confucius say...

"Man who eat crackers in bed wake up feeling crummy."

Confucius Say...

"Woman who put detergent on top shelf, Jump for Joy."

Confucius Say...

"Man who sink into woman's arms soon have arms in woman's sink."

THE LAKEHEAD AMATEUR RADIO CLUB JOURNAL

LARC—Suite 184
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Canada P7B 4A3

Club E-mail: VE3FW@rac.ca

LARC Website

<http://www.larclub.net>

Hi-Q Editor and Publisher

E-mail: ve3atc@spruce.ca
Leo VE3ATC 939-1020

Hi-Q is published monthly on the Sunday preceding the monthly meeting. Monthly meetings are held on the second Thursday of each month, except for July and August. Your submissions are welcome at any time. Submit early to ensure publication in next issue! Send to editor at ve3atc@spruce.ca



LARC is a member of [RAC](#)

LARC PUBLIC SERVICES

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Emergency Coordinator

VA3OJ Randy Gottfred 474-0910

CANWARN

VA3JMS John 767-3631

VE3MXJ Brad 767-0628

PUBLIC SERVICE EVENTS

VE3MXJ Brad 767-0628

VA3JMS John 767-3631

RAC

[Radio Amateurs of Canada](#)

LARC SENATE

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Bill Unger VE3XT 344-1848

About LARC

Lakehead Amateur Radio Club members have all levels of interest and knowledge in the wide spectrum of amateur radio.

Monthly meetings and contact with other members allow us to share and discuss different ideas, and to learn from each other.

LARC membership meetings are held the second Thursday of each month, September through June at 7:30 PM local time at the McIntyre Building, Confederation College Room 191

Each meeting consists of a mix of technical and light-hearted topics, with a break for meeting friends and new friends.

Anyone with an interest in ham radio is invited to join us.

Amateur radio classes are also administered by LARC to help you with your Amateur Radio License

contact any of the Executive members above for more information



2005/2006 MEMBERSHIP/RENEWAL APPLICATION

LAKEHEAD AMATEUR RADIO CLUB INC
1100C MEMORIAL AVE, SUITE 184,
THUNDER BAY, ONT P7B4A3

CLASS OF MEMBERSHIP

FULL MEMBERSHIP \$35.00-open only to licensed amateurs

NAME: _____ EMAIL: _____

ADDRESS: _____ CITY: _____

TELEPHONE: () _____ POSTAL CODE: _____

MAY WE PUBLISH THE PHONE NUMBER yes / no

MAY WE DELIVER HI-Q BY E-MAIL? yes / no

CALL(S) _____

FAMILY MEMBERSHIP- immediate family residing at the same address holding licenses.
\$35.00 plus \$10.00 for each additional amateur.

NAMES AND CALLS _____

STUDENT MEMBERSHIP- \$15.00-open to persons enrolled full time in an education
facility, list School and program _____

ASSOCIATE MEMBERSHIP-\$20.00-upon approval of the Board and open to:

1)Non holders of an amateur radio license.

2)Licensed amateurs living outside the immediate Thunder Bay area or are unable to attend regular meetings of the club.

If you feel you qualify for associate membership, please indicate why, on a separate sheet, to be used by the Board to consider your application.

Please mail or bring this form to the next meeting with your cash or cheque for membership fees.

Cheques should be made payable to Lakehead Amateur Radio Club.

Applications and cheques can also be dropped off at the above address.